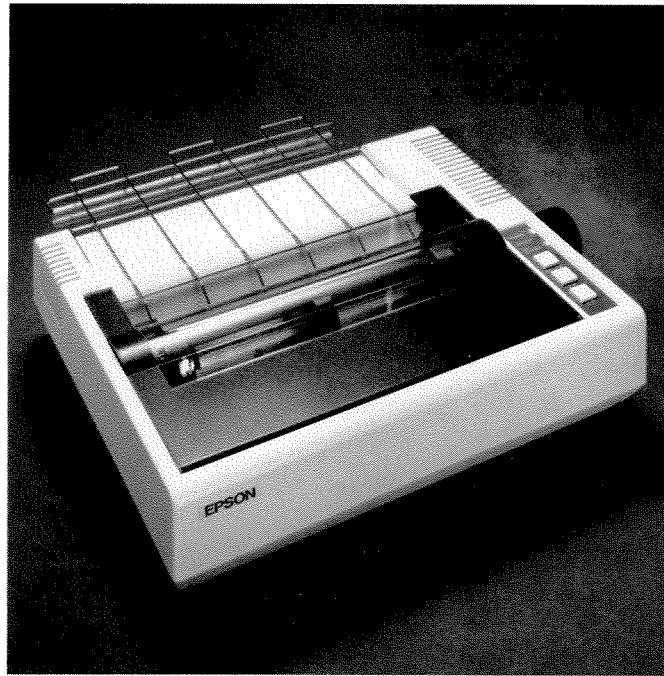# The Epson MX-80

80-Column Dot Matrix Printer.

The MX-80 is one of the most advanced 80-column dot matrix printers available to the peripheral market. That's easy to say — but we can prove it.

The world's first *disposable* print head.
This is the feature that will rank as "most imitated" over the next few years.

The product of three long years of R&D, the MX-80 features many performance breakthroughs, including the world's first disposable print head. It's conservatively rated at a full 50 to 100 million characters, but service is as simple as changing a ribbon cartridge: Snap the head out. Throw it away. Snap in a new one. It's that easy. The only tool you need is at the end of your arm. Anyone in your office can do it. And the replacement head costs less than 30 bucks. Think about service requirements. Mean Time To Repair. Downtime. This feature is a real *breakthrough*, and heralds an unprecedented level of serviceability and dependability for the office or home.

Correspondence quality printing.
A lot of printers costing a lot more can't touch the MX-80's performance. It gives you a choice of 40, 80, 66 or 132 columns of printing in as many as four distinct printing density modes, a total of twelve different combinations which can accommodate nearly any printing requirement. More than half of these utilize multi-strike and/or multi-pass techniques to generate "correspondence quality" printing. It's perfect for manuscripts, mailing labels, proposals, and nearly any other function where you need attractive, clean, clear, well-formed characters. So long as you're not trying to fool someone into thinking that you actually typed a document or letter, the MX-80 can handle nearly all of your text processing requirements.

A fully loaded printer at a bare bones price.
It's quite a machine. Bidirectional printing. Logical seeking of shortest lines. 80 CPS. 64 graphics characters. Forms handling. The list of standard features goes on and on. The fact is that there are few printers that can compete with the MX-80 at ANY price. And none—ZERO—in its extraordinarily affordable price range. Total performance coupled with Epson's legendary quality and reliability. The Epson MX-80. It's the printer you've always wanted.

Specifications

Print method . . . . Serial impact dot matrix
Print Rate . . . . 80 CPS
Print Direction . . . . Bidirectional
Number of Pins in
  Head 9
Matrix 9x9
Line Spacings . . . . 1/8″, 1/6″, 7/72″, plus programmable
Throughput at 10 CPI . Logical seeking function—
  105 LPM, 20 character line;
  73 LPM, 40 character line;
  46 LPM, 80 character line.

PRINTING CHARACTERISTICS
Character Set . . . . Full 96-character ASCII with descenders
Graphics Characters . . 64 block characters
Printing Modes . . . . . . Standard.
  Double (advance paper 1/206th and
    repeat line).
  Emphasized (shift right and double
    strike).
  Double Emphasized (combination of
    above).

PRINTING SIZES

	Characters per inch	Max. Characters per line
Normal	10	80
Normal Expanded	5	40
Compressed	16.5	132
Compressed Expanded .	8.25	66

FORMS HANDLING
Line Feed . . . . Programmable length 1 to 85/72nds
Form Feed . . . . Programmable length to 66 lines
Horizontal Tab . . . . To 112 positions
Vertical Tab . . . . To 64 positions

MEDIA HANDLING
Paper Feed . . . . Adjustable tractor-type pin feed
Paper Width Range . . . 4″ to 10″
Number of Parts 3
Paper Path . . . . Rear

INTERFACES
Standard . . . . Centronics-style 8-bit Parallel
Optional RS232, IEEE488
Buffer Size . . . . 1 line

SWITCHES/LIGHTS/DETECTORS
Indicators . . . . Power Light; Printer Ready; Paper
  Out; On Line
Switches . . . . Power On/Off; On Line; Form Feed;
  Line Feed
Detectors . . . . Internal buzzer (bell) responds to
  Paper Out and error conditions with a
  periodic 3-second tone for 30 seconds.

RELIABILITY
Print Head Life
  Expectancy . . . . 50 to 100 x 10^6 characters
MCBF (Excluding Print
  Head) . . . . 5 million lines

INKED RIBBON
Color . . . . Black
Type . . . . Cartridge
Life Expectancy . . . . . . 3 Million characters

ENVIRONMENTAL CONDITIONS
Operating Temperature
  Range . . . . 41°F to 95°F
Operating Humidity . . 10 to 80% non-condensing

POWER REQUIREMENT
Voltage 115V, 60Hz
Current . . . . <1 amp
Power Consumption . . 100 VA maximum

SELF TEST MODE
Depressing Line Feed Switch while turning power ON engages
self-test which prints all characters in ROM.

PHYSICAL CHARACTERISTICS
Height . . . . 4.2″
Width . . . . 14.7″
Depth . . . . 12.0″
Weight . . . . 12 lbs.

Specifications subject to change without notice.

Epson MX-80 Print Sample

Shown are five of the twelve possible variations of print characters.

10 CPI Standard

ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz
12345678901234567890!#$%&'()*=+<>?!#$%&'()*=+<>?
EPSON MAKES MORE PRINT MECHANISMS THAN ANYONE ELSE IN THE WORLD.
Epson makes more print mechanisms than anyone else in the world.

10 CPI Emphasized

ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz
12345678901234567890!#$%&'()*=+<>?!#$%&'()*=+<>?
EPSON MAKES MORE PRINT MECHANISMS THAN ANYONE ELSE IN THE WORLD.
Epson makes more print mechanisms than anyone else in the world.

5 CPI Double Emphasized

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890:-!#$%&'()*=+<>?
EPSON MAKES MORE PRINT MECHANISMS
Epson makes more print mechanisms

Available from:

8.25 CPI Double Emphasized

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890:-!#$%&'()*=+<>?
EPSON MAKES MORE PRINT MECHANISMS
Epson makes more print mechanisms

16.5 CPI Standard

ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz
12345678901234567890!#$%&'()*=+<>?!#$%&'()*=+<>?
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